



DIRECTOR'S REPORT

STATE TRANSPORTATION COMMISSION

OCTOBER 18, 2018



INVESTMENT IN HIGHWAY & BRIDGE PROGRAM

Over the last 8 years, MDOT's investment in the highway & bridge program has provided:

- More than 3,700 lane miles of improved roads
- More than 1,300 rehabilitated & maintained bridges
- Extended the life on approximately 14,000 lane miles of pavement using various preventive maintenance treatments



INVESTMENT IN AVIATION PROGRAMS

Since 2011, MDOT has administered more than 50 runway improvement projects through more than \$400 million in federal grants.

INVESTMENT IN TRANSIT PROGRAMS

Over the last 8 years, MDOT has:

- Provided funding for more than 900 vans & buses for rural & specialized transit providers
- Provided approximately \$230 million in state match of federal capital funding awarded to urban transit agencies



GORDIE HOWE INTERNATIONAL BRIDGE



GORDIE HOWE INTERNATIONAL BRIDGE

- New freeway-to-freeway border crossing system between Detroit, Michigan, & Windsor, Ontario
- Will improve flow of international trade between U.S. & Canada at busiest border crossing between 2 countries
- Publicly owned by State of Michigan & Government of Canada
- After groundbreaking this spring, construction begins in fall 2018

PLANET M

- Represents the collective mobility efforts across Michigan around technologies & services that move people & goods
- Brand includes partnerships with automobile manufacturers & suppliers, universities, local agencies & others in public & private sectors
- Michigan's groundbreaking automated vehicle legislation, signed in 2016, created proper governance structure for growth of this technology in future



AMERICAN CENTER FOR MOBILITY (ACM)

- In 2016, MDOT supported the development of ACM at Willow Run
- World-class test environment enabling industry & partners to design, test & bring to life technologies that support solutions for safety, congestion, & climate issues
- MDOT coordinated conversion of portion of US-12 which allows for freeway speed testing conditions
- Includes a tunnel environment as well as other unique testing opportunities





I-75 MODERNIZATION PROJECT

- Encompasses approximately 18 miles of freeway
- Critical commercial route, key commuter route, vital tourist route, & local area business route moving people & goods across the state daily
- Using design-build-finance-maintain contract on portion of this project, making it the largest public-private transportation project in Michigan history



I-75 BRIDGE OVER ROUGE RIVER

- Currently replacing deck on largest bridge in Michigan; Total deck area is 100,000 square feet larger than Mackinac Bridge
- Primary commerce corridor for city of Detroit



US-23 FLEX ROUTE

- New Flex Route technology uses lane control system comprised of overhead signs, cameras, & electronic message boards mounted on large gantries
- Manages freeway traffic more efficiently during peak hours by opening & closing median shoulder to traffic
- Promotes safety by providing drivers with advance notice of delays & incidents



ACCELERATED BRIDGE CONSTRUCTION

- MDOT constructed 4 bridges using slide-in bridge construction where new bridge is built alongside old bridge to be replaced
- Impact on traffic is limited, saving motorists time & increasing mobility

FREEWAY LIGHTING

- Public-private partnership to upgrade & maintain freeway lighting in Detroit area
- Freeway lighting system was improved & now maintained by contractor
- Saves MDOT approximately \$13 million over life of 15-year contract



QLINE IS ROLLING

- Thanks to unique public-private effort, Detroit's QLINE Woodward Avenue streetcar opened to great fanfare in 2017
- QLINE runs on 3.3-mile route along Woodward Avenue, connecting Detroit's downtown waterfront with Midtown & North End



ACCELERATED RAIL

Thanks to bold steps & new investment, increased passenger rail speed to maximum of 110 mph between Kalamazoo & Dearborn begins next year.





BUS RAPID TRANSIT (BRT)

- Michigan's first BRT line opened in 2015, connecting downtown Grand Rapids to east & west suburbs
- Planned second Grand Rapids BRT line will connect downtown & Grand Valley State University's Allendale campus

E-CONSTRUCTION

- Integrates various digital technologies into business/construction operations
- Replaces paper with electronic processes that improve workflow, increase transparency, improve safety, enhance quality, & save time and money for MDOT & for private sector contractors
- Annual savings estimated at \$12 million



DETROIT: THE LEGACY





THANKYOU